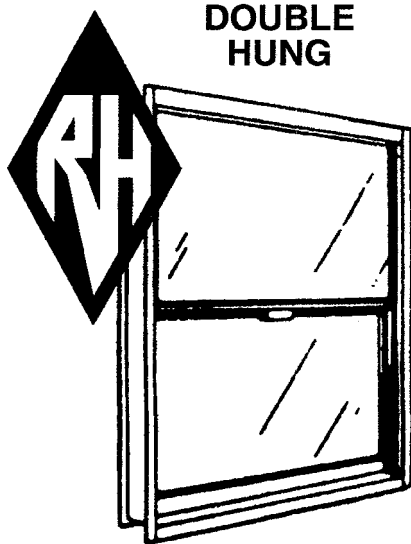


HUNG WINDOWS



DOUBLE HUNG

There are many different types of balances and balance systems.

We have tried to make the ordering of balances as easy as possible. The two basic types of balances are:

SPIRAL	<i>Also known as Tube</i>	Section A
BLOCK & TACKLE	<i>Also known as Channel</i>	Section B

The following pages show balances and accessories necessary to repair hung windows.

The purpose of the balance is to hold the vent (sash) in the desired position when raised. Vents always have balances on both sides.

We recommend that balances be replaced in pairs along with the accessories to restore the vent to almost new operation.

Most balances are integrated into the window by means of various guides, depending on the window manufacturer's design. These come in metal, plastic or a combination of both. Guides are sold separately. When these parts are damaged or missing, this can greatly affect the performance of the window.

IF YOU CANNOT IDENTIFY YOUR BALANCE FROM THE DIAGRAMS, SEND COMPLETE UNIT FOR QUOTATION.

Some spiral balances have a "color coded" nylon bearing. The color will be white, gray, blue, red, black or green. Sometimes the color fades with time. The code has changed over the years and with different manufacturers, but will be helpful in identifying your balance.

Balances are engineered and produced to specific weight specifications.

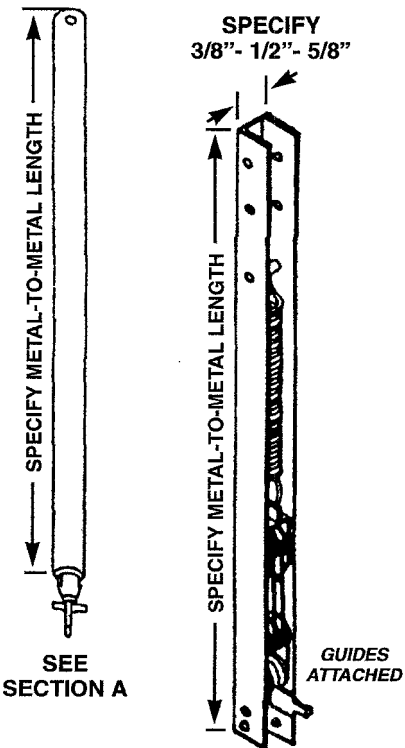
We ask that you take a little extra time to be certain the part you order is the correct part. Many parts look almost identical.

Call our Customer Service Department for help with any of your questions.

WE'RE #1 IN SERVICE

SINGLE HUNG

3/8" & 5/8"
NON-TILT
FOR TILT
SEE 2A8



NON-TILT
FOR TILT
SEE 2B16

HUNG WINDOW SYSTEMS

**#1
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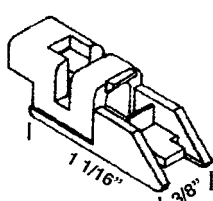
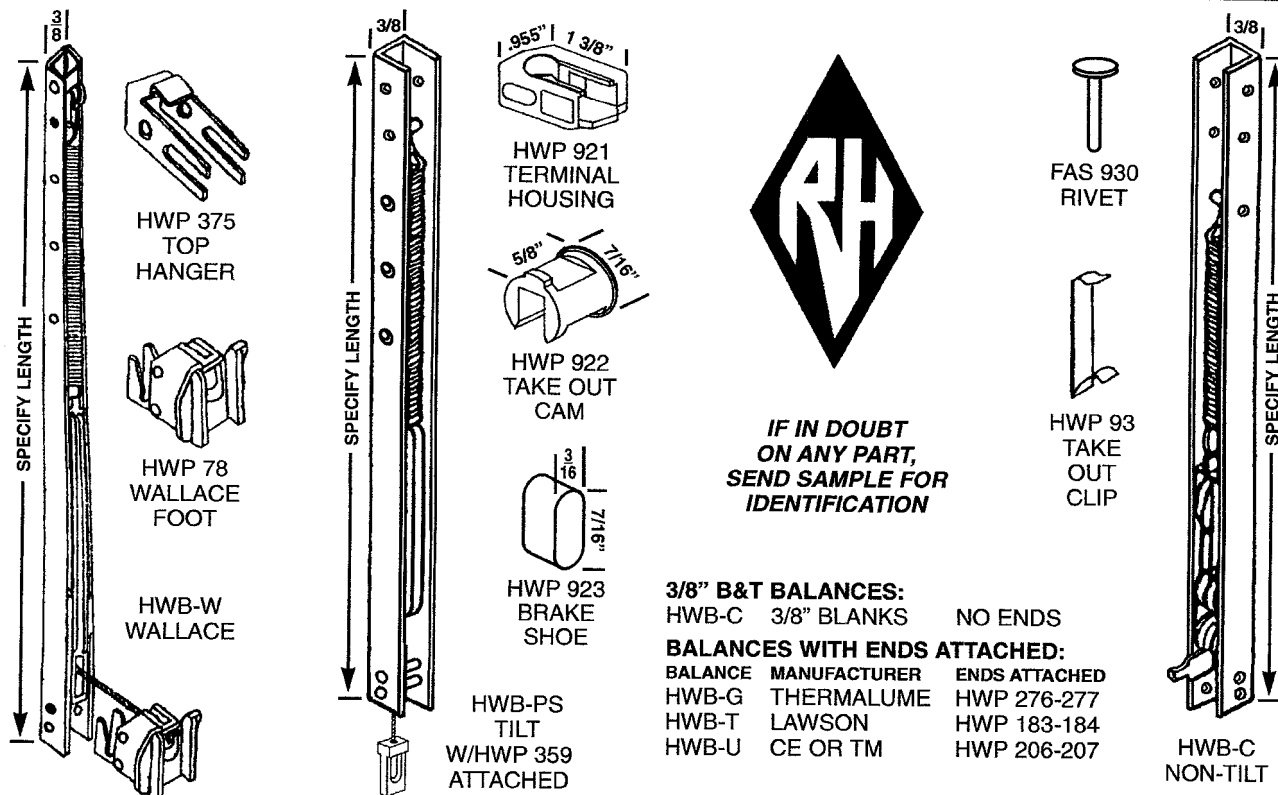
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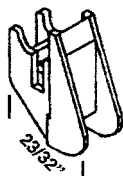
2A1
SECTION A
REV. 4/02

3/8" HUNG WINDOW B&T BALANCES & PARTS

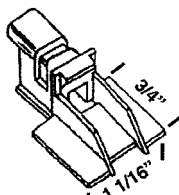
3/8" HUNG WINDOW B&T BALANCES & PARTS



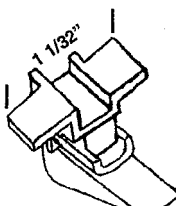
HWP 206
CROSS EASTERN
TOP



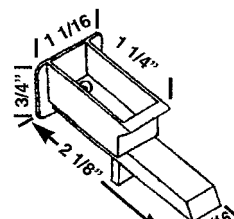
HWP 207
CROSS EASTERN
BOTTOM



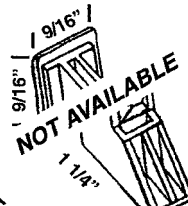
HWP 276
THERMALUME
TOP



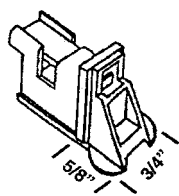
HWP 277
THERMALUME
BOTTOM



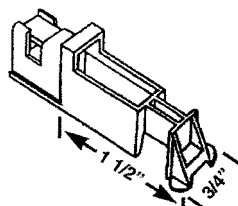
HWP 271
THERMALUME
GUIDE



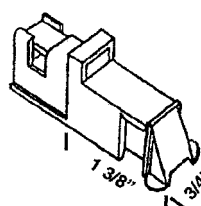
HWP 232
LAWSON
SASH STOP



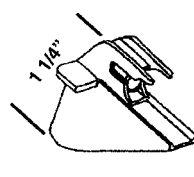
HWP 185
LAWSON TOP



HWP 184
LAWSON TOP



HWP 184M
MODIFIED TOP



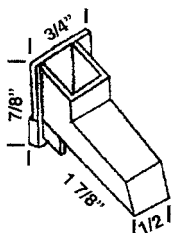
HWP 183
LAWSON BOTTOM



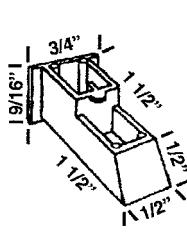
HWP 120
BOTTOM



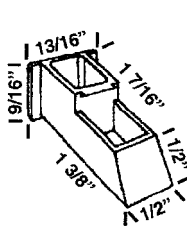
HWP 121
BOTTOM



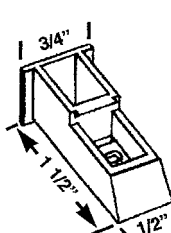
HWP 429
SASH CAM



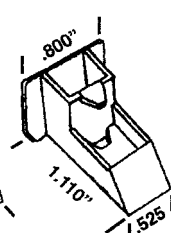
HWP 458
SASH CAM



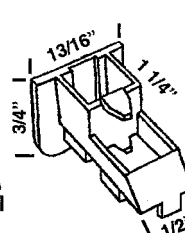
HWP 488
SASH CAM



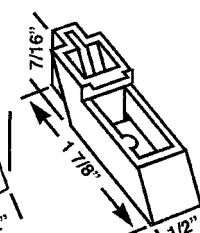
HWP 733
SASH GUIDE



HWP 328
CE GUIDE



HWP 314
CE SASH CAM



HWP 919
SASH CAM

2B2
SECTION B
REV. 11/02

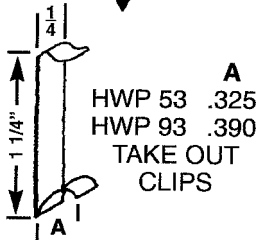


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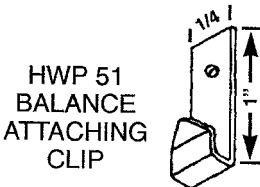
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HUNG WINDOW BALANCES & PARTS



A
 HWP 53 .325
 HWP 93 .390
TAKE OUT CLIPS



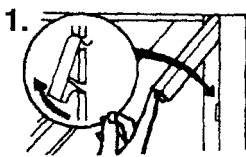
**HWP 51
 BALANCE
 ATTACHING
 CLIP**



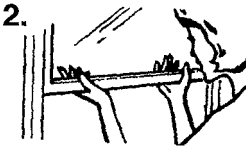
**FAS 901
 RIVET**

**All balances require ends.
 See following pages for
 popular sets & selection
 of tops & bottoms.**

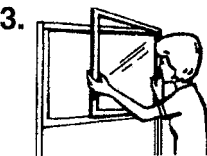
Suggested Instructions for Removing or Installing Sash Balances



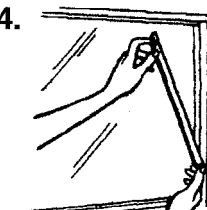
1.
 Remove sash stop from top of frame jamb, which will expose formed tabs or take out clips, which may be pivoted forward, as shown in circle.



2.
 Raise sash to its uppermost position. Sash will dis-engage from balance, which will be retained by the formed tab or clip in frame jamb.



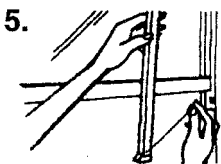
3.
 Push sash into either frame jamb & rotate opposite side towards interior, allowing for removal of operating sash.



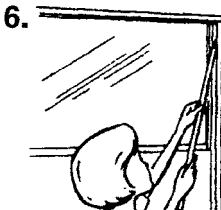
4.
 Push top of sash balance downward to dis-engage from tab or take-out clip. Then lift balance towards center of window & remove cord terminal clip from square hole located in center of frame jamb.

REPLACEMENT OF SASH BALANCE IN WINDOW:

Reverse the aforementioned procedure as follows:



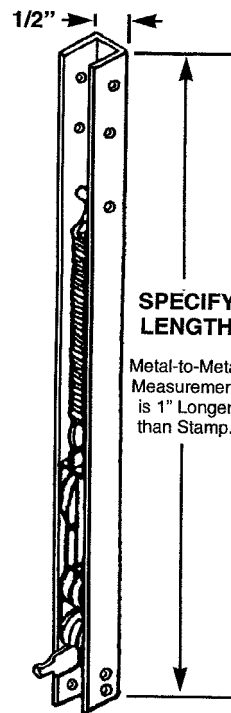
5.
 Insert cord terminal clip in square hole, located in center of frame jamb. For ease and safety when installing balance, it is suggested that the cord be wrapped around balance case several times, then insert cord clip in square hole and carefully unwrap cord from around balance case.



6.
 With terminal clip installation, insert balance into frame jamb and locate top plastic guide under formed tab at top of frame jamb.



7.
 With sash located above the balance, insert sash into either frame jamb, rotating opposite side of sash into opposite frame jamb. Center sash between jambs and lower sash to engage sash balance. Replace sash stops at top of frame jambs.

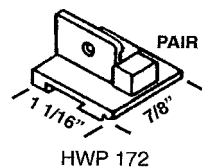


5/8" SQUARE BLOCK & TACKLE

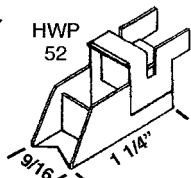
HWP-D	20
HWP-E	30
HWP-H	10
HWP-I	40
HWP-AB	50
HWP-AF	DUAL SPRING SPECIAL
HWP-AS	SPECIAL

BALANCE END SETS WITH FASTENERS

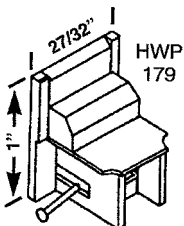
SETS CONTAIN PARTS TO REPAIR ONE SASH



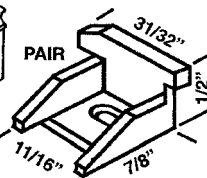
HWP 172



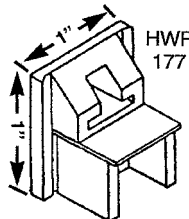
HWP 52



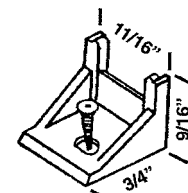
HWP 179



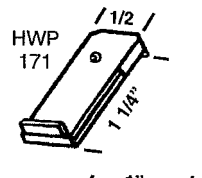
HWP 48



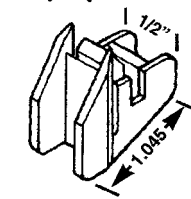
HWP 177



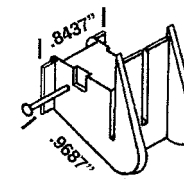
HWP 175



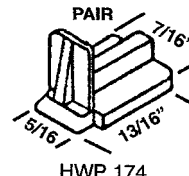
HWP 171



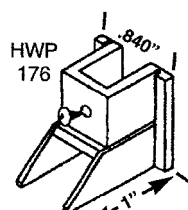
HWP 58



HWP 178



HWP 174



HWP 176

HWP 561 YALE OGRON

HWP 547 NEW PAN AM

HWP 546 PAN AM

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**2B3
 SECTION B**
 REV. 11/02

HUNG WINDOW BALANCES & PARTS